

## ABSTRACT

An optical subassembly includes an optical sleeve (1), a lens holder (2) having a cylindrical cavity (21) defined therein, and an optical element (4) received in the cavity. A stepped fixing hole (11) is longitudinally defined through the optical sleeve, for receiving an optical connector. The lens holder includes the cavity, a lens member (3), and a cylindrical protuberance (23) extending from a top surface of the lens holder. The protuberance is coupled into the fixing hole to ensure precise alignment of the optical connector, an optical axis of the lens member and the optical element. The optical sleeve is readily detachable from the lens holder. Therefore, when the optical connector needs to be changed to another kind of optical connector, the original optical sleeve can be replaced with a new suitable optical sleeve. The same lens holder can continue to be used.